Keep the manual for future use.

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USER'S MANUAL

BATTERY PRUNER

MODEL NUMBER: **CEDBPB40LI-SET**
SERIAL NUMBER:

Model number and serial number can be found on the nameplate. Be sure to write them down and keep them in a safe place.

Photo	Catalog number	Description
	CEDD40Li-SET	Cedrus D40Li-SET cordless drill and screwdriver, battery and charger included, max 20V Li-Ion battery, max torque 40 Nm
	CEDD60Li	Cedrus D60Li cordless drill and screwdriver, no battery and charger included, max 20V Li-Ion battery, no-load speed 0-500rpm / 0-2000rpm, max torque 60 Nm
	CEDHD58Li-SET	Cedrus HD58Li-SET impact drill/driver, battery and charger included, max 20V Li-Ion battery, no-load speed 0-500rpm/0-2000rpm, max torque 58 Nm
	CEDHD60Li	Cedrus HD60Li impact drill/driver, no battery or charger included, max 20V Li-Ion battery, no-load speed 0-500rpm / 0-2000rpm, max torque 60 Nm
	CEDID180Li	Cedrus impact driver ID180Li , without battery and charger included, max 20V Li-Ion battery, no-load speed 0-2800 rpm, max torque 180 Nm, ¼" HEX bit holder
	CEDIW250Li	Cedrus impact driver ID250Li , without battery and charger included, max 20V Li-Ion battery, no-load speed 0-2800 rpm, max torque 2500 Nm, ½" square bit holder
	CEDIW400Li	Cedrus impact driver ID400Li , without battery and charger included, max 20V Li-Ion battery, no-load speed 0-1500rpm/0-1700rpm/0-1900rpm/0-2000rpm/0-2300rpm, max torque 100Nm/150Nm/200Nm/ 300Nm/400Nm, ½" square bit holder
	CEDIDB200Li	Cedrus IDB200LI impact driver, without battery and charger, LED light, max 20V Li-Ion battery, no-load /800/1800/2500rpm, 0/1100/2500/3500bmp impact, 40/130/200Nm torque, ¼" HEX bit holder
	CEDRH1.1Li	Cedrus RH1.1Li hammer drill, no battery and charger included, max 20V Li-Ion battery, no-load speed 0-900 rpm
	CEDRH2.2Li	Cedrus RH2.2LI hammer drill, without battery and charger, adjustable front handle, 20V Li-Ion max battery, 0-1420rpm no-load speed, 0-4500bmp percussion, 2.2kJ impact force, SDS+ drill chuck, drilling capacity of Φ28 in wood Φ13 in metal Φ22 in concrete

	CEDIWB250Li	Cedrus IWB250LI impact wrench, without battery and charger, belt clip, max 20V Li-Ion battery, no-load /800/1800/2500rpm, 0/1100/2500/3500bmp impact, 50/150/250Nm torque, ½" square chuck
	CEDAG125Li	Cedrus AG125Li angle grinder, without battery and charger included, max 20V Li-Ion battery, 10000 rpm no-load speed, 125 mm blade diameter
	CEDAG125Li-SET	Cedrus AG125Li angle grinder, battery and charger included, max 20V Li-Ion battery, 10000 rpm no-load speed, 125 mm blade diameter
	CEDAGB125Li	Cedrus AGB125Li angle grinder, without battery and charger, max 20V Li-Ion battery, 8500rpm no-load speed, 125mm blade diameter
	CEDOS125Li	Cedrus OS125Li eccentric sander, no battery or charger included, max 20V Li-Ion battery, no-load speed 2000/3500/5000/6500/8000/10000rpm
	CEDCBG50Li	Cedrus CBG50Li 3-in-1 bench grinder, no battery and battery included, max 20V Li-Ion battery, speed 3000-9000 rpm, disc diameter 50mm, disc thickness 13mm, 3-in-1 grinder, polisher, flexible shaft for mounting accessories
	CEDJSLi	Cedrus JSLi jigsaw, no battery and charger included, max 20V Li-Ion battery, no-load speed 2700 rpm
	CEDRSLi	Cedrus RSLi sabre saw, without battery and charger included, max 20V Li-Ion battery, no-load speed 3000 rpm
	CEDCSLi	Cedrus CSLi circular saw, no battery and charger included, max 20V Li-Ion battery, 4200 rpm no-load speed, 165x20x1.6mm disc size,24T
	CEDCSB165Li	Cedrus CSB165LI circular saw, max 20V Li-Ion battery, 4200rpm no-load speed,blade size 165x20x1.6mm,24T, cutting depth 51mm at 90°,37mm at 45°

	CEDCSM140Li	Cedrus CSM140Li mini circular saw, without battery and charger, max 20V Li-Ion battery, 6000rpm no-load speed, blade size 140mm, depth of cut 50mm at 90°,35mm at 45°
	CEDCG3Li	Cedrus CG3Li rechargeable glue gun, without battery and℃ charger included, max 20V Li-Ion battery, nozzle diameter 3mm, cartridge diameter 10-12mm, heating time 3min, working temperature 175
	CEDSG45Li	Cedrus SG45LI silicone gun, without battery and charger, max 20V Li-Ion battery, max dispensing force 4500N, speed control 6 levels, feed speed 0.7 - 11m/s, tube capacity 600ml, cartridge capacity 310ml
	CEDLLi	Cedrus LLi rechargeable flashlight, without battery and charger included, max 20V Li-Ion battery, 3W 3pcs LED bulb, luminous flux 260 Lumens.
	CEDCL35Li	Cedrus CL35Li rechargeable LED lamp, without battery and charger included, battery max 20V Li-Ion , power 35W, luminous flux I - 5000Lm II - 2000Lm, led 100 pieces SMD, color temperature 6500K, light angle 120 °
	CEDMTLi	Cedrus MTLi multifunction machine, without battery and charger included, max 20V Li-Ion battery, no-load speed 5000-20000 rpm
	CEDNGLi	Cedrus NGLi nailer, without battery and charger included, max 20V Li-Ion battery, driving speed up to 30 pieces per minute
	CEDAP100Li	Cedrus AP100Li rechargeable compressor, max 20V Li-Ion battery, max air pressure 7 bar (100 psi), air volume 30l/min, max air speed 54m/s, duty cycle 5 minutes on/ 5 minutes off
	CEDCP57Li	Cedrus CP57Li cordless pump, without battery and charger included, max 20V Li-Ion battery, max pressure 0.034bar, air flow 53m3/h, air speed 40km/h, 3 additional nozzles, soft grip handle
	CEDSP1000Li	Cedrus SP1000Li cordless gun, max 20V Li-Ion battery, tank capacity 1l, flow rate 800ml/min, max viscosity 60DIN-S, pressure 0.1 bar, nozzle diameter 2.5mm/1.8mm/1.5mm

	CEDWP160LI	Max 20V Li-Ion, water pressure 2.4MPa, water flow rate 160L/H, 6in1 nozzle, 6 settings: tilt direction 0°, 20°, 20°, 40°, foam jet and shower, cord and detergent tank included
	CEDBP30Li	Cedrus BP30Li cordless pruner, max 20V Li-Ion battery, max cutting diameter 30mm, cutting speed 1.4s, total length 300mm
	CEDBPB40LI-SET	Secateurs, max 20V Li-Ion, battery and charger included, max cutting diameter 40mm, four cutting diameter adjustments, brushless motor, weight 0.98kg, color carton, 2Ah battery, 2.4A charger
	CEDGS100Li	Cedrus GS100Li cordless shears, max 20V Li-Ion battery, grass shear cutting width 100mm, cutting bar length 200mm, max cutting diameter 8mm, claw width 75mm
	CEDHT510Li	Cedrus HT510Li hedge trimmer, no battery and charger included, max 20V Li-Ion battery, no-load speed 1300 spm, blade length 510 mm
	CEDHT520LiX2	Cedrus HT520LiX2 hedge trimmer, no battery and charger included, max 2x20V Li-Ion battery, no-load speed 2800 spm, blade length 520 mm
	CEDPHT450Li	Cedrus PHT450Li boom shear, no battery or charger included, max 20V Li-Ion battery, 1300 spm no-load speed, blade length 450 mm
	CEDCHS250Li	Cedrus CHS250Li cordless chainsaw, no battery or charger included, max 20V Li-Ion battery, 25cm Oregon bar length, 3.8” Oregon chain size, tool-less chain tensioning system, automatic oil pump
	CEDCHS350LiX2	Cedrus CHS350LiX2 cordless chainsaw, no battery or charger included, max 2x20V Li-Ion battery, 35 cm Oregon bar length, 3.8” Oregon chain size

	CEDCHS100Li	Cedrus CHS100Li mini cordless saw, max 20V Li-Ion battery, 5400rpm no-load speed, 10cm bar length, 1/4” chain size, 8m/s chain speed
	CEDCHS150LI-SET	Mini chainsaw, battery and charger included, max 20V Li-Ion, bar length 15cm, 1/4” chain, automatic chain lubrication, tool-free chain tensioner, colorful cardboard box, 2Ah battery, 2.4A charger
	CEDCPS20	Cedrus CPS20 boom saw - attachment for PHT450LI, max 20V Li-Ion battery, 1300rpm no-load speed, 20cm bar length, 3/8” chain pitch, 8m/s chain speed
	CEDCHS100P	Cedrus CHS100Li chainsaw telescopic extension, compatible with CHS100Li MINI chainsaw, minimum length 1.95m, maximum length 2.4m
	CEDB42LiX2	Cedrus B42LiX2 cordless blower, no battery and charger included, max 2x20V Li-Ion battery, no-load speed 20000 rpm, air speed 42 m/sec.
	CEDBV200LiX2	Cedrus BV200LIX2 2-in-1 cordless blower, no battery and charger included, max 2x 20V Li-Ion, no-load speed 8000-14000 rpm, air speed 200km/h, air flow 220m3/h, bag capacity 35 l, shredding ratio 9:1
	CEDBV270Li	Cedrus BV270Li 2-in-1 cordless blower, no battery and charger included, max 20V Li-Ion, no-load speed 6000-18000 rpm, air speed 270km/h, air flow 102m3/h, bag included
	CEDPC160Li	Cedrus PC160LI grout and joint cleaner, without battery and charger, telescopic length adjustment, swivel handle, max 20V Li-Ion battery, brush speed 1300rpm, brush width 160mm, wire brush diameter 115mm
	CEDGT254Li	Cedrus GT254Li cordless trimmer, no battery and charger included, max 20V Li-Ion battery, 9000 rpm no-load speed, cutting width 254 mm

	CEDST300LiX2	Cedrus ST300LiX2 cordless trimmer, without battery and charger included, max 2x20V Li-Ion battery, no-load speed 6700 rpm, cutting width 300 mm
	CEDST280Li	Cedrus ST280Li cordless trimmer, max 20V Li-Ion battery, 9000rpm no-load speed, 280mm cutting width, 1.6mm line diameter, adjustable length 1.0 - 1.36m, 90° adjustable head
	CEDBC350LiX2	Cedrus BC350Li cordless trimmer, 2 x max 20V Li-Ion battery, 7000rpm no-load speed, 350mm cutting width, 2.0mm line diameter, automatic head type, double horn type handle
	CEDLM40LiX2	Cedrus LM40LiX2 cordless mower, battery 2 x max 20V Li-Ion, cutting width 400mm, cutting height 25mm75mm / 6 positions, central height adjustment yes, mowing methods basket, mulching, basket capacity 40l, drive none
	CEDSC15Li	Cedrus SC15Li cordless sprayer, max 20V Li-Ion battery, tank capacity 15l, liquid flow 1.3l/min, max pressure 0.3Mpa, lance length 800mm, nozzle opening 1.6mm
	CEDVC15Li	Cedrus VC15Li cordless vacuum cleaner, max 20V Li-Ion battery, tank capacity 15l, suction pressure ≥8.0Kpa, hose diameter 32mm, hose length 1.5m
	CEDVC5Li	Cedrus VC5LI cordless vacuum cleaner, max 20V Li-Ion battery, 0.5l tank capacity, suction pressure ≥3.8Kpa
	CEDWF300Li	Cedrus WF300Li rechargeable fan max 20V Li-Ion battery, fan diameter 300mm, speed levels 3
	CEDLi-Ion 2Ah	Cedrus Li-Ion 2Ah battery, max voltage 20V

	CEDLi-Ion 4Ah	Cedrus Li-Ion 4Ah battery, max voltage 20V
	CEDLi-Ion 6Ah	Cedrus Li-Ion n 6Ah battery, voltage max 20V
	CEDLI-ION 8AH	Cedrus Li-Ion n 8Ah battery, voltage max 20V
	CEDFCH2.4	Cedrus FCH2.4 fast charger, input voltage 230-240V AC, output voltage 230-240VAC, charging current 2.4A
	CEDFCH3.5	Cedrus FCH3.5 fast charger, input voltage 230-240V AC, output voltage 230-240VAC, charging current 3.5A
	CEDDCH3.0	Cedrus DCH3.0 dual charger, input voltage 230-240V AC, output voltage 230-240VAC, charging current 3.0A
	CEDFCH8	Intelligent fast charger, battery capacity identification, automatic charging current selection, output current from 2.4A to 8.0A, battery indicator shows battery status, cooling fan, up to 4 times faster than standard charger
	CEDCHPLi	Cedrus CHPLi phone USB charger, 20V DC input voltage, 5V output voltage, 1.5A charging current

TABLE OF CONTENTS

FOREWORD

Thank you for purchasing our device! This user manual contains the most important information about the device, its construction, functions and use. Before starting work, read the user manual carefully. Safe and correct use will help you achieve the best results. All information contained in the manual is based on the latest data about the product on the date of printing the document. Due to the continuous improvement of devices and the introduction of changes to them, the user manual may differ from the actual condition of the device. The manufacturer reserves the right to introduce changes to the product at any time. Product parameters may change without notice. It is prohibited to copy and duplicate the user manual and its elements without the manufacturer's consent. This user manual should be treated as an integral part of the device and in the event of transferring the device to third parties or reselling it should be transferred together with the device. Operating the device in accordance with the user manual and the messages contained therein is crucial to maintaining the long-term and safe operation of the device and to meeting the expectations of users. Failure to read, understand or comply with the user manual may lead to serious injury and damage to the device.

CEDRUS is not responsible for any errors in the printing of this manual, which do not directly affect the way the device is used, and only concern detailed technical or descriptive data. Devices are modernized during production, therefore some data contained in this manual may differ from the actual data, which also does not affect the way the device is used. Photos and illustrations contained in this user manual are for illustrative purposes, and the physical condition of the device may differ from the actual state.

WARNING SYMBOLS

The symbols on the device are shown below. Before use, please familiarize yourself with their meaning.

	Please read the instruction manual.
	Do not expose the device to moisture.
	Be careful with thrown objects.
	Do not allow bystanders into the area.
	Wear protective gloves.
	Wear safety glasses.
	Do not dispose of used electrical equipment or batteries with household waste. According to European directives, electrical equipment, batteries that have reached the end of their service life must be collected separately and taken to an environmentally friendly recycling facility.

NOISE

A-weighted noise level determined in accordance with EN60745-1:45-1:

- Sound pressure level (LpA) : 69.5 dB(A) or less
- Tolerance (K) : 3 dB(A)

Noise level during operation may exceed 80 dB(A).

VIBRATIONS

Total vibration value (sum of triaxial vectors) determined in accordance with EN60745-1:

- Vibration emission (ah): 2.5 m/s² or less
- Tolerance (K): 1.5 m/s²

⚠ **NOTE!** The declared vibration total value was measured in accordance with a standard test method and can be used to compare one tool with another.

NOTE! The declared vibration total value can also be used for a preliminary exposure assessment.

⚠ **WARNING!** The vibration emission during actual use of the power tool can differ from the declared value depending on how the tool is used, especially the type of work being carried out.

⚠ **WARNING!** Be sure to specify safety measures to protect the operator that are based on an estimate of exposure in actual conditions of use (taking into account all parts of the operating cycle, such as times when the tool is switched off and when it is idling, as well as trigger times).

SAFETY RULES

General

⚠ **WARNING!** Read all warnings and safety information. Failure to follow them may result in electric shock, fire or serious injury

Please keep this manual for future use.

Workplace Safety

1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.

2. Do not operate power tools near flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

3. Keep children and bystanders away while operating a power tool. Distractions can cause loss of control.

Electrical safety

1. The power tool plug must match the outlet. Do not modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets reduce the risk of electric shock.

2. Avoid body contact with grounded surfaces, such as pipes, radiators, ranges and refrigerators. Body contact with grounding increases the risk of electric shock.

3. Do not expose power tools to rain or moisture. Water entering a power tool increases the risk of electric shock.

4. Never use the cord to carry, pull or unplug the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

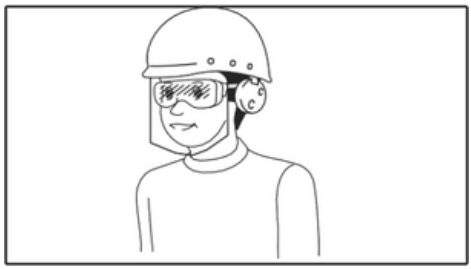
5.When operating a power tool outdoors, use an extension cord suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of electric shock.

6. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD). Using a residual current device reduces the risk of electric shock.

7. Power tools can produce electromagnetic fields (EMF) that are not harmful to the user. However, users of pacemakers and other similar medical devices should consult the manufacturer or doctor for advice before using a power tool.

Personal safety

1.Stay alert, watch what you are doing and use common sense when operating a power tool. Do not operate a power tool while tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating a power tool may result in serious personal injury.
2.Wear personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, a hard hat or hearing protection, used under appropriate conditions, will reduce the risk of personal injury.
3.Ensure the switch is in the off-position before connecting to power source or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or connecting power tools with the switch in the on position can lead to accidents.
4.Remove the adjusting key or wrench before turning the power tool on. A key left attached to a rotating part of the power tool can result in personal injury.
5.Do not overreach. Maintain proper posture and balance at all times. This will enable you to have better control of the power tool in unexpected situations.
6.Dress appropriately. Do not wear loose clothing or jewellery. Keep hair and clothing away from moving parts. Loose clothing, jewellery or long hair can be caught in moving parts.
7.If dust extraction and collection facilities are provided, ensure they are connected and properly used. Use of a dust extraction system can reduce dust hazards.
8.Do not allow familiarity with power tools resulting from frequent use to ignore safety rules. Careless operation can cause serious injury in a fraction of a second.
9.Always wear safety glasses when using power tools to protect your eyes from injury. The goggles must comply with European standard EN 166.



It is the employer's responsibility to ensure that appropriate protective equipment is worn by tool operators and others in the immediate work area.

Use and maintenance of power tools

1.Do not use force. Use the correct power tool for the application. The correct power tool will do the job better and safer at the rate for which it was designed.
2.Do not use a power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
3.Disconnect the plug from the power source or remove the battery before making any adjustments, changing accessories, or storing the power tool. Such preventive safety measures reduce the risk of starting the power tool accidentally.
4.Store unused power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate them. Power tools are dangerous in the hands of untrained users.
5.Maintain power tools and accessories. Check for misaligned or jammed moving parts, breakage, and other damage that may affect the power tool's operation. If the power tool is damaged, have it repaired before use. Many accidents are caused by poorly maintained power tools.

6.Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp edges are less likely to jam and are easier to control.
7.Use the power tool, accessories, attachments, etc., in accordance with these instructions, taking into account the working conditions and the type of work being performed. Use of the power tool in a manner other than that for which it was designed may lead to hazardous situations.
8.Keep handles and gripping surfaces dry, clean and free from oil and grease. Slippery handles and
operation and control of the tool in unexpected situations.
gripping surfaces do not allow safe
9.Do not wear cloth work gloves when using the tool, as they may become entangled. If cloth work gloves become entangled in moving parts, personal injury may result.

Use and maintenance of cordless tools

1.Charge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery may create a risk of fire when used with another.
2.Only use power tools with batteries that are designed for this purpose. Using any other battery pack may create a risk of injury and fire.
3.When the battery is not in use, keep it away from other metal objects such as paper clips, coins, keys, nails, screws or other small metal objects that can make a connection between the terminals. Shorting the terminals together may cause burns or a fire.
4.Under improper conditions, liquid may squirt from the battery. If accidental contact occurs, rinse with water. If the liquid comes into contact with the eyes, additionally seek medical attention. Liquid leaking from the battery may cause irritation or burns.
5.Do not use a damaged or modified battery or tool. Damaged or modified batteries may behave unpredictably, causing fire, explosion or risk of injury.
6.Do not expose the battery or tool to fire or excessive heat. Exposure to fire or temperatures above 130 °C may cause an explosion.
7.Follow the charging instructions and do not charge the battery or tool outside the range specified in the instructions. Improper charging or charging outside the specified range may damage the battery and increase the risk of fire.

Service

1. Have your power tool serviced by a qualified repairman using only identical replacement parts. This will ensure the safety of your power tool is maintained.
2. Never attempt to service damaged batteries yourself. Batteries should only be serviced by an authorized service center.
3. Follow the instructions for lubrication and changing accessories.

Cordless Pruner - Safety

⚠ **WARNING:** Read all warnings and safety information. Failure to follow them may result in electric shock, fire or serious injury.

1.Wear personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection, when used under appropriate conditions, will reduce the risk of personal injury.
2.Always ensure the switch is in the off position before connecting to power source or battery pack, picking up, or carrying the tool. Carrying power tools with your finger on the switch or connecting power tools with the switch on can lead to accidents.
3.Dress appropriately. Do not wear loose clothing or jewelry. Keep hair and clothing away from moving parts. Loose clothing, jewelry, or long hair can get caught in moving parts.
4.This tool is designed for pruning branches. Do not use it for any other purpose than that for which it was intended.
5.Never allow children, people with limited physical, sensory or mental abilities, people without experience and knowledge or people not familiar with these instructions to use the device. Local regulations may restrict the age of the operator.

6.Children should be supervised to ensure they do not play with the appliance.
7.Never operate the appliance when people, especially children, or pets are nearby.
8.Do not overreach and always keep your balance. Always keep your balance and walk, not run, on slopes.
9.Do not touch moving, dangerous parts before unplugging the tool or removing the battery.
10.Disconnect the power supply or remove the battery from the tool:
-whenever the tool is left by the user,
-before clearing blockages,
-before checking, cleaning or working on the tool,
-after striking a foreign object to check for damage to the tool,
-if the tool starts to vibrate unusually.
11.Never use the tool with damaged guards or blades, without safety devices or if the cord is damaged or worn.
12.Avoid using the tool in bad weather conditions, especially during a storm.
13.Do not use the tool or charge the battery in the rain.
14.Do not leave the tool in the rain or in a damp place.
15.Be careful not to let foreign objects get caught between the blades. If the blades become blocked by foreign objects, immediately switch off the tool and disconnect the battery from the tool. Then remove the foreign objects from the blades.
16.Never hold the branch being cut with your free hand. Keep your free hand away from the cutting area. Never touch the blades, as they are very sharp and can cut you.
17.Always check the blades thoroughly before starting work.
18.Handle the blades with extreme caution to avoid cuts or injuries caused by the blades.
19.Disconnect the battery from the tool after each use and before performing inspection or maintenance.

Use and maintenance of cordless tools

1. Do not use the tool in damp or wet locations or expose it to rain. Water entering the tool will increase the risk of electric shock.
2. Charge the tool only with the charger recommended by the manufacturer. A charger suitable for one type of battery may create a risk of fire when used with another battery.
3. Use the power tool only with the batteries specified for this purpose. Using other batteries may create a risk of injury and fire.
4. Do not dispose of the battery in a fire. The cell may explode. Check local regulations for disposal.
5. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to eyes or skin. May be toxic if swallowed.
6. Do not charge the battery in rain or in damp locations.ypadku połknięcia.
7. Do not charge the battery in rain or humid places.

Service

1. Have the power tool serviced by a qualified service technician using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
2. Follow the instructions for lubrication and replacement of accessories.
3. Keep the handles dry, clean and free of oil and grease.

⚠ WARNING! Do not allow convenience or familiarity with the chainsaw (gained through repeated use) to replace strict adherence to safety precautions. Incorrect use or failure to follow the safety precautions set forth in this manual may result in serious injury.

Important battery safety information

1.Before using the battery pack, read all the information and warnings on the charger, battery pack and the device in which the battery pack is used.

2.Do not disassemble the battery cartridge.

3.If the battery pack discharges too quickly or rapidly, stop operation immediately. This may cause the risk of overheating, burns and even explosion.

4.if electrolyte gets into your eyes, rinse them with clean water and contact a doctor immediately. This may cause loss of vision.

5.do not cause the battery to short circuit:
-Do not touch the terminals with any conductive material.
-Avoid storing the battery in a container with other metal objects such as nails, coins, etc.
-Do not expose the battery to water or rain.
Short-circuiting the battery can cause high current flow, overheating, possible burns and even failure.

6.Do not store tools and the battery pack in places where the temperature may reach or exceed 40°C.

7.Do not burn the battery pack, even if it is severely damaged or completely used up. The battery pack may explode.

8.Be careful not to drop or hit the battery pack.

9.do not use a damaged battery pack.

10. lithium-ion batteries are subject to hazardous goods regulations. For commercial transportation, such as by third parties, freight forwarders, special packaging and labeling requirements must be observed. Consultation with a hazardous materials expert is required to prepare the item to be shipped. Possibly more specific national regulations should also be observed. Seal or mask open contacts and pack the battery in a way that prevents it from moving around in the package.

11. When disposing of the battery cartridge, Remove it from the tool and dispose of it in a safe place. Observe local regulations on battery disposal.

12. Use rechargeable batteries only with products indicated by the manufacturer. Installing batteries with incompatible products may cause fire, excessive heat, explosion or electrolyte leakage.

13. If the tool will not be used for a long time, remove the battery pack from the tool.

CAUTION: Use only original Cedrus batteries. Using non-original batteries or those that have been modified may cause an explosion, resulting in fire, injury and damage. It will also void the warranty.

Tips for maintaining maximum battery life

1. Charge the battery before it is completely discharged. Always stop operating the tool and recharge the battery when you notice a decrease in the power of the tool.

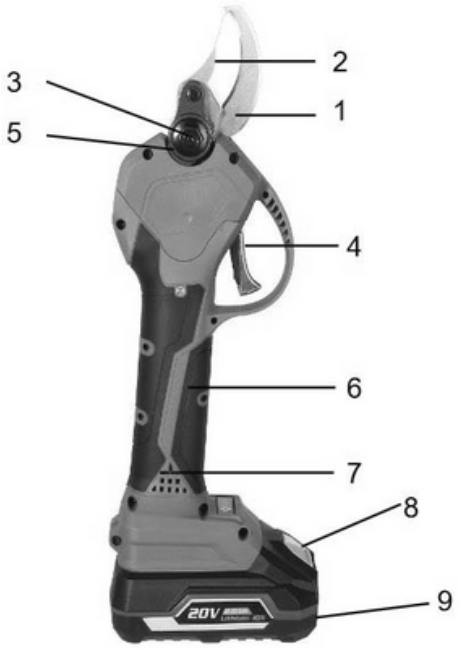
2. Never charge a fully charged battery pack. Overcharging shortens its life.

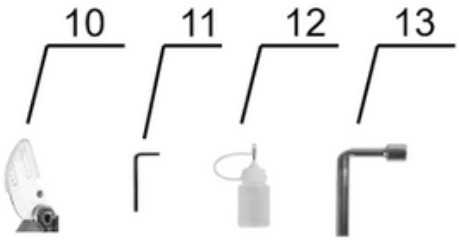
3.charge the battery pack only at a room temperature of 5°C to 40°C. Allow the battery to cool down before charging it again.

4. recharge the battery if it will not be used for a long time (more than six months).

DEVICE DESCRIPTION

1. lower blade 2. upper blade 3. blade screw 4. switch 5. blade adjustment nut 6. handle 7. ventilation holes 8. battery release button 9. rechargeable battery 10. blade guard 11. allen wrench 12. lubrication oil bottle 13. socket wrench





TECHNICAL DATA

Model Max. cutting capacity	CEDBPB40LI-SET
Cutting speed Cut size Overall	40 mm
length (without battery) Rated	50 SPM
voltage Net weight (without	4 levels (10mm, 20mm, 30mm, 40mm)
battery) Compatible batteries	300 mm × 70 mm × 115 mm
Compatible chargers	D.C. 20 V
	0,98 kg
	CEDLI-ION 2AH, CEDLI-ION 4AH,
	CEDLI-ION 6AH, CEDLI-ION 8AH
	CEDFCH2.4, CEDFCH3.5, CEDDCH3.0,
	CEDFCH8

- Equipment is upgraded during production, so some data in this manual may differ from actual data.
- Weight may vary depending on components and attachments, including battery.

FUNCTIONS

⚠ **NOTE:** Always make sure the tool is turned off and the battery pack is removed before adjusting or checking tool functions.

Sliding the battery in and out

⚠ **CAUTION!** Always turn off the tool before installing or removing the battery pack. ⚠**CAUTION!** When installing or removing the battery pack, hold the tool and battery pack firmly. Holding the tool and battery pack incorrectly may cause them to slip out of your hands, resulting in damage to the tool and battery pack and personal injury.

To remove the battery pack (2), slide it out of the tool while pressing the button on the front of the battery pack (1).

To install the battery pack (2), align the battery pack connector with the groove in the housing and slide it into place. Push it all the way in until it locks with a slight click.

⚠ **NOTE:** Always push the battery pack all the way in. Otherwise, it may accidentally fall out of the tool, causing injury to the user or nearby persons.

CAUTION! Do not insert the battery pack by force. If the cartridge does not slide in easily, it means that it has not been inserted correctly.

Tool/battery protection

□ Overload protection:

If the tool is operated in a way that draws excessive current, turn off the device and stop the work that caused the overload. Then restart the device. If the tool does not start, the battery is overheated. In this situation, wait for the battery to cool down before turning the tool on again.

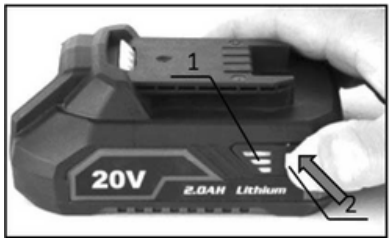
□ Overheating protection

If the tool or battery overheats, the tool will stop automatically. In such a situation, wait until it cools down before turning it back on.

□ Over-discharge protection:

If the remaining capacity of the battery is too low, the tool will not work. In this situation, remove and recharge the battery pack.

Charging indicators



Press the control button (2) on the battery so that the charging indicators (1) display the remaining capacity of the battery. Below you can find detailed information about the remaining capacity.

Charging indicators		Remaining Battery Capacity
LED on	LED off	
GREEN ORANGE RED		75% - 100%
ORANGE RED		25% - 50%
RED		10% - 25%

NOTE: Depending on the conditions of use and ambient temperature, the indication may differ slightly from the actual performance.

Operation of the switches

To enable the tool, follow these steps:

1. insert the battery.
2. you should press the “MODE” button, after ticking all 4 lights will light up.
3. it is necessary to hold the shears firmly and press the switch twice. The upper blade of the shear will open automatically after three ticks.
4. to close the shear blade, press the switch again.

To disable the tool, do the following:

1. press and hold the switch for about three seconds, after which the tool will emit three ticking sounds, and then press the “MODE” button for about three seconds until the light goes out.
2. Remove the battery pack.

Automatic change of lock and shutdown mode

For safety reasons, the tool automatically switches to off mode if it is not touched for a certain period of time. Press the switch twice to release the lock. The upper scissor blade will automatically open after three ticks.

Hand cut prevention function

For safety reasons, the tool has a hand cut prevention function. When the operator operates the tool with one hand and the other hand touches the blade, the hand cut prevention function will be activated: the tool will emit a continuous warning sound, and the upper blade will stop moving until the other hand stops touching the blade. Then the function will be automatically deactivated.

Changing the cut size

The tool has 4 different cutting sizes, suitable for different applications. Press the “MODE” button (1) to select the appropriate cutting size. The more indicator lights (2) are on, the larger the cutting size will be.

4 available cut sizes shown:

ASSEMBLY

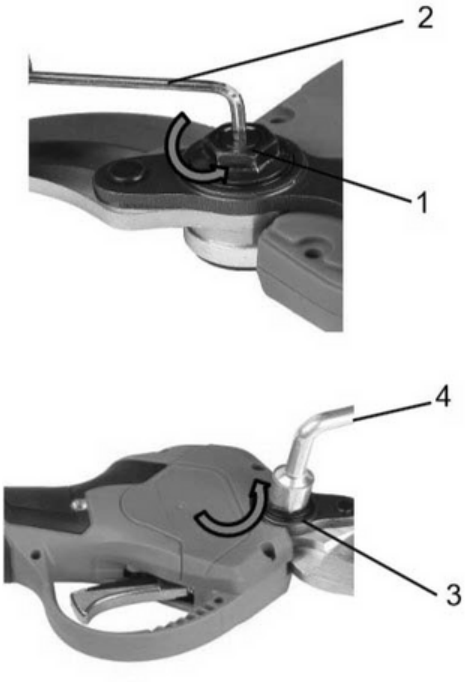
⚠ **NOTE:** Always make sure the tool is turned off and the battery is removed before doing any work on the tool.

Replacing the upper cutting blade

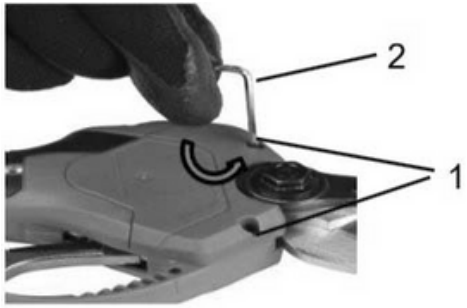
To remove the upper cutting blade, follow these steps:

1. Insert the battery pack. Remove the blade cover.
2. press the “MODE” button to turn on the tool, then press the switch twice to fully open the upper cutting blade.
3. With the upper cutting blade open, press the “MODE” button to turn off the tool and remove the battery.

4. loosen the blade screw (1) with an allen wrench (2), turning it counterclockwise. Unscrew the blade adjustment nut (3) with a socket wrench (4), turning it counterclockwise. Remove the washer.



5. loosen the two screws (1) with an allen wrench (2), turning them counterclockwise. Remove the head cover, separating the head cover tab from the housing groove. Remove the upper cutting blade assembly.



6. remove the ring from the connecting arm with ring pliers or a similar tool and replace the upper blade of the cutter with a new one.

To install the upper cutting blade, follow the disassembly steps in reverse order. Pay attention to the following points when installing the blades:

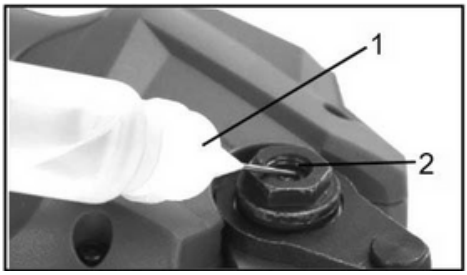
1. Apply lubricating oil to the cutter blade.
2.When installing the head cover, align the spline of the head cover with the groove of the housing.
3. Make sure all screws are tightened securely. Always adjust the blade clearance after installing the blade. (Chapter: “Blade clearance adjustment”).

CAUTION Use only the scissor blades specified recommended by the manufacturer. Use of other blades may pose a risk of injury or damage to the tool.

BEFORE USE Replenishing the oil

Scissor blades require oil refilling each time before use. To apply oil to the blades, follow these steps:

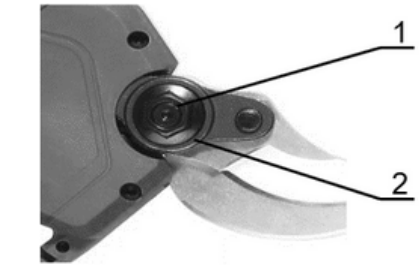
1. insert the battery pack. Remove the blade cover.
2). Turn on the tool and press the switch to fully open the upper blade.
3. after opening the upper blade, turn off the tool and remove the battery pack.
4. loosen the blade screw with an allen wrench by turning it counterclockwise.
5. Squeeze the oil from the oil bottle into the threaded hole.



6. Reinstall the blade screw by turning it clockwise.
7. turn the tool on several times without load to distribute the grease evenly.

NOTE: Pour the correct amount of lubricating oil each time. Avoid too much or too little.

Blade clearance adjustment



From time to time, adjust the clearance of the shear blades as follows:

1. insert the battery pack. Remove the blade guard
2. Turn on the tool and press the switch to fully open the upper blade of the shears.
3. After opening the upper blade, turn off the tool and remove the battery.
4. loosen the blade screw with an allen wrench by turning it counterclockwise.
5. adjust the tightening of the blade adjustment screw with a suitable wrench, turning it clockwise or counterclockwise (tightening torque of the blade retaining nut: about 0.5 Nm).
6. re-tighten the blade screw.
7. check the tightening of the blades to ensure that they do not rattle or rotate sideways. If the blades are too tight or loose, readjust the clearance.

⚠ **NOTE:** Pay attention to the clearance of the blades. Too much clearance can result in inefficient cutting, and too little blade clearance can result in motor overload and short tool life.

⚠ **NOTE:** When the blades are closed, they should not rotate sideways. Lateral pivoting is an abnormal condition. Lateral pivoting will result in a gap between the two blades, which will cause the gear teeth to mesh incorrectly and damage the mechanical structure.

USE

⚠ **NOTE:** Always hold the tool firmly. Also, be sure to maintain stability.

⚠ **CAUTION:** Do not bring any part of your body close to the blades during operation.

⚠ **CAUTION:** Before use, check blades, blade screws or other parts for wear or damage. Replace worn or damaged parts to ensure safe operation.

CAUTION: If the blade gets stuck in a branch during operation, do not turn it. In this situation, turn off the tool and slowly pull the blade out of the branch. Otherwise, the blade may be damaged.

Trimming

The branches should be cut one at a time. The maximum thickness of branches that can be cut with these shears is about 40 mm.

After use

Close the shear blades, press the “MODE” switch until the indicator light goes out after three ticks and remove the battery. Store the shears in a dry, high or closed place out of the reach of children. Replace the shear blade cover.

CAUTION: When the shears are not in use, remove the battery pack. Otherwise, the capacity of the battery will be reduced.

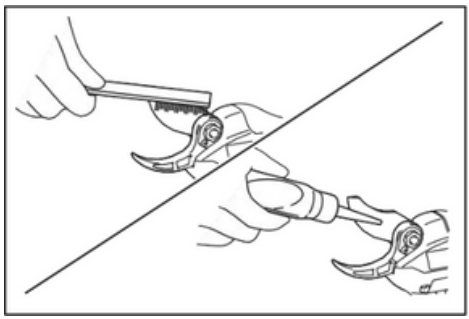
MAINTENANCE

⚠ **CAUTION:** Always make sure the tool is turned off and the battery is removed before servicing or maintenance.

⚠ **CAUTION:** Never use gasoline, solvent, alcohol for cleaning. This may cause discoloration, deformation or cracking.

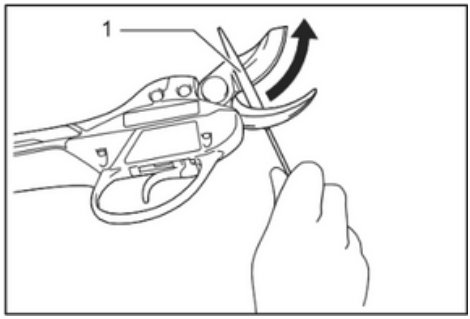
Blade maintenance

⚠ **CAUTION:** Neglecting blade maintenance can cause excessive blade friction and reduce the operating time on a single battery charge. Carefully inspect the shear blades before and after use. After finishing work, clean the blades with a stiff brush. Then wipe the blades with a cloth. Apply original oil to the edge of the blade and the moving part.

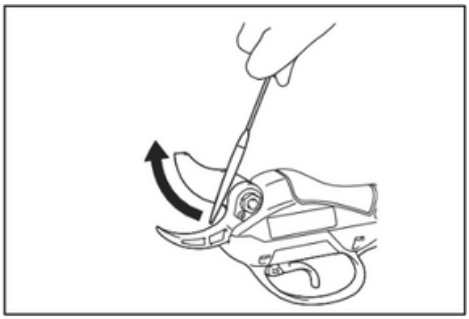


Sharpening the upper blade

1. Apply the flat surface of the diamond file to the edge of the blade. Push the file toward the tip of the blade to sharpen the entire edge of the blade. Maintain the same flat contact with the file consistently along the entire edge of the blade.



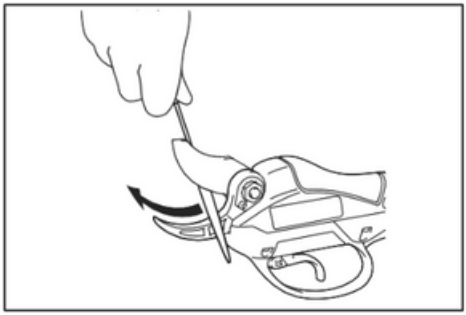
2. Lightly apply the flat surface of the diamond file to the opposite side of the blade. Slightly move the file toward the tip of the blade to remove bumps.



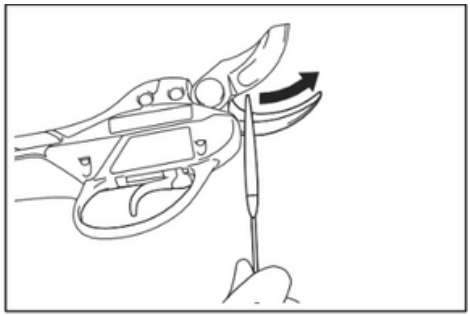
⚠ **NOTE:** Do not sharpen this side too much. File lightly only to remove unevenness. Otherwise, the clearance of the blade may be too large or the life of the blade may be shortened.

Sharpening the lower blade

1.Apply the round surface of the diamond file to the edge of the blade. Push the file toward the tip of the blade to sharpen the entire edge.



2. Lightly apply the flat surface of the file to the opposite side of the blade. Slightly move the file toward the tip of the blade to remove bumps.



⚠ **NOTE:** Do not sharpen this side too much. File lightly only to remove unevenness. Otherwise, the clearance of the blade may be too large or the life of the blade may be shortened.

To maintain safety and reliability, repairs, any other maintenance or adjustments should be performed by an authorized service center, always using spare parts recommended by the manufacturer

OPTIONAL ACCESSORIES

CAUTION: These accessories or attachments are recommended for use with the tool described in this manual. Use of other accessories or attachments may pose a risk of personal injury. Use accessories or attachments for their intended purpose. If assistance is required for specific information on these accessories, contact an authorized service center.

- Upper blade
- lower blade
- allen wrench
- lubricating oil
- socket wrench
- original Cedrus battery and charger

⚠ NOTE: Some items in the list may be included as standard accessories.

TROUBLESHOOTING

Before ordering a repair, make your own inspection first. If a problem occurs that is not explained in the instructions, do not attempt to disassemble the tool. Instead, contact an authorized service center.

Problem	Cause	Solution
The blade does not move even when the switch is pressed.	The battery charge level is low.	Charge the battery.
	The shears are locked	Unlock the shears by following the steps described in the section “Operation of the switches”.
	Damaged switch.	Immediately stop using the tool and seek repair from a local authorized service center.
The blades are stuck on a branch.	The branch is too thick.	Release the switch. Press the “MODE” button for about three seconds until the tool turns off. Then slowly pull the blades out of the branch.
The cut is not smooth	The blades are blunt.	Sharpen blades or adjust blade play.
	The blades are worn out.	Replace the blades.